Vertically Polarized, Omni-Directional Dual / 6 dBd

BCD-87066 ___ 0° 25%

When ordering, replace "___" with connector type.

806-960 MHz

Mechanical specifications

Length				
Overall	3590	mm	141.3	in
Radome	3090	mm	121.7	in
Diameter	Ø65	mm	2.6	in
[4] Weight	12	kg	26.5	lbs
Wind Area	0.23	m^2	2.5	ft^2
Wind load at 50 m/s	360	N	81	lbs

Antenna consisting of aluminum alloy. Dipoles covered by a polyurethane painted fiberglass radome.

Mounting

Support Pipe: Aluminum alloy diameter Ø70 mm (2.76 in), length 500 mm (19.7 in).

Mounting bracket kit #36312000 Standard -or- #36413001 Offset

Downtilt bracket kit N/A

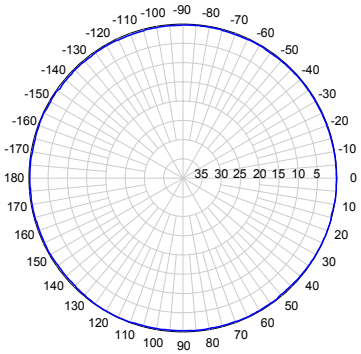
Electrical specifications

	Frequency Range	870-960 MHz
	Impedance	50Ω
[3]	Connector	NE, E-DIN
[1]	VSWR	≤1.43:1
	Polarization	Vertical
[1]	Gain upper	6 dBd
	Gain lower	6 dBd
[2]	Power Rating	500 W
[1]	Half Power Angle	
	H-Plane	360°
	E-Plane upper	15°
	E-Plane lower	15°
[1]	Electrical Downtilt	0°
[1]	Null Fill	25%
	Lightning Protection	Direct Ground

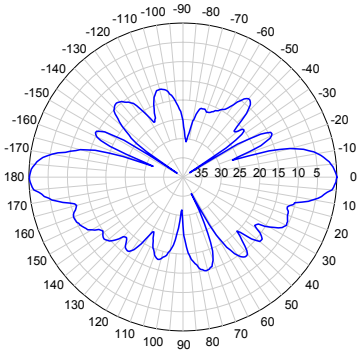
[1] Typical Values
[2] Power Rating limited by connector only.
[3] NE indicates an elongated N Connector.
E-DIN indicates an elongated DIN Connector.
[4] The antenna weight listed above does not include the bracket weight.

Improvements to mechanical and/or electrical performance of the antenna may be made without notice.

Radiation-pattern[1]



Horizontal



Vertical

Amphenol Antel's Exclusive 3T (True Transmission Line Technology) Antenna Design:

- A 1 1/4" four-channel extrusion running the entire length of the antenna for unmatched strength and rigidity.
- Durable brass feedline design that eliminates the need for conventional solder joints in the signal path.
- A non-collinear system with access to every radiating element for broad band width and superior performance.
- Air as insulation for virtually no internal signal loss.

Every Amphenol Antel antenna is under a five-year limited warranty for repair or replacement.

870-960 MHz

1300 Capital Drive Rockford, IL 61109 Toll-Free (888) 417-9562 Tel. (815) 399-0001
Fax. (815) 399-0156 Email: antel@antelinc.com www.antelinc.com

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